



MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Sekisui S-LEC America LLC
 1200 Rolling Hills Lane
 Winchester, KY 40391

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: S-LEC SAF Glass Interlayer

APPROVAL DOCUMENT: Drawing No. 1647, titled "S-LEC SAF Glass Laminate Film", sheet 1 of 1, dated 05/28/2009, with revision A1 dated 10/24/2011, prepared by W.W. Schaefer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Glass laminated under this product approval shall be permanently marked in a corner of the glass with: "MDCA-S-LEC SAF" and the laminator's identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the S-LEC SAF interlayer.

LIMITATION: This approval does not include an evaluation of structural performance of this component.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 11-1026.07 and consists of this page, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Handwritten Signature]
 07/14/2014

NOA No: 14-0501.02
 Expiration Date: September 02, 2019
 Approval Date: July 24, 2014
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING “Submitted under NOA # 11-1026.07”

1. Drawing No. 1647, titled “S-LEC SAF Glass Laminate Film”, sheet 1 of 1, dated 05/28/2009, with revision A1 dated 10/24/2011, prepared by W.W. Schaefer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

B. TEST REPORTS “Submitted under NOA # 09-0618.03”

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	ATI 90988.01-106-18	ASTM D 635	05/07/09	Joseph A. Reed, P.E.
2.	ATI 90988.01-106-18	ASTM D1929	05/07/08	Joseph A. Reed, P.E.
3.	ATI 70698.01-106-18	ASTM D 2843	12/07/07	Joseph A. Reed, P.E.
4.	ATI 70698.01-106-18	ASTM G 155	12/07/07	Joseph A. Reed, P.E.
5.	ATI 70698.01-106-18	ASTM D 790	12/07/07	Joseph A. Reed, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

F. STATEMENTS

1. Statement letter of code conformance to 2010 and 5th edition (2014) FBC, issued by W.W. Schaefer Engineering & Consulting, P.A, dated 04/15/2014, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, issued by W.W. Schaefer Engineering & Consulting, P.A, dated 04/15/2014, signed and sealed by Warren W. Schaefer, P.E.

“Submitted under NOA # 09-0618.03”

3. Distributor agreements dated 06/18/2009.



07/14/2014

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 14-0501.02

Expiration Date: September 02, 2019

Approval Date: July 24, 2014

PRODUCT DESCRIPTION



SECTION

DESCRIPTION: S-LEC SAF BY SEKISUI S-LEC AMERICA, LLC IS A MONOLITHICALLY EXTRUDED POLYVINYL BUTYRAL RESIN & TRIETHYLENE GLYCOL-DI (2 ETHYLHEXANOATE) PLASTICIZER. THE TYPICAL GLAZING MAKE-UP SHALL INCLUDE THE FOLLOWING COMPONENTS:

- "A" = MINIMUM 7/64" (2.7 mm) ANNEALED GLASS
- "B" = MINIMUM 0.039" (0.98 mm) S-LEC SAF INTERLAYER
- "C" = MINIMUM 7/64" (2.7 mm) ANNEALED GLASS

PRODUCT PROPERTIES

FOOT NOTE	DESCRIPTION	TEST	TEST RESULTS	
(1)	SMOKE DENSITY	ASTM D2843-04	0.57	
(1) & (3)	RATE OF BURNING	ASTM D635-06	CLASS C2 @ 2.13 IN/MIN	
(2)	SELF IGNITION TEMPERATURE	ASTM D1929-00	752' F (400' C)	
(2) & (3)	AVERAGE FLEXURAL STRENGTH BEFORE & AFTER WEATHERING	ASTM D790-03 & G155-05	BEFORE	AFTER
			4416 PSI	4088 PSI
			% CHANGE = -7.4 %	

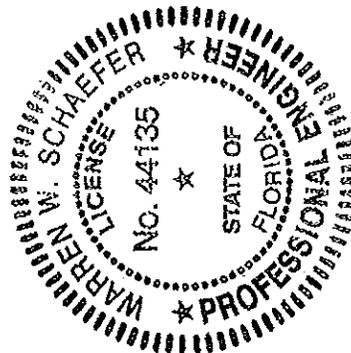
- (1) SPECIMEN TESTED CONSISTED OF THE INTERLAYER MATERIAL ONLY.
- (2) SPECIMEN TESTED CONSISTED OF THE INTERLAYER MATERIAL LAMINATED BETWEEN TWO PANES OF GLASS.
- (3) THE STANDARD USED FOR TESTING OF THIS PRODUCT IS A MORE CURRENT VERSION OF THE SAME STANDARD SPECIFIED IN THE FLORIDA BUILDING CODE. NOTE THAT THE STANDARD SHOWN IN THIS TABLE IS EQUIVALENT TO THAT EARLIER STANDARD SPECIFIED IN THE CODE.

GENERAL NOTES:

1. S-LEC SAF BY IT SELF DOES NOT MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. IT MUST ALWAYS BE LAMINATED BETWEEN TWO(2) PANES OF GLASS.
2. GLASS ALLOY IS NOT RESTRICTED TO ANNEALED. GLASS ALLOY MAY BE ANNEALED, HEAT STRENGTHENED, CHEMICALLY TEMPERED OR TEMPERED.
3. S-LEC SAF IS A CLEAR FILM & SHALL NOT BE COLORED NOR TINTED. NOTE THAT CLEAR FILM DOES CONTAIN SMALL AMOUNTS OF ADDITIVES SUCH AS STABILIZERS, ETC.
4. S-LEC SAF INTERLAYER HAS BEEN TESTED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SECTIONS 2605, 2606 & 2612.
5. THIS IS A COMPONENT APPROVAL ONLY. STRUCTURAL PERFORMANCE OF THIS PRODUCT WITHIN OTHER SYSTEMS IS NOT PART OF THIS APPROVAL. SYSTEMS USING THIS COMPONENT AS PART OF THEIR OWN OVERALL STRUCTURAL SYSTEM SHALL APPLY FOR THEIR OWN SEPERATE APPROVALS.
6. THE INTERLAYER MAY BE MADE UP OF SINGLE OR MULTIPLE LAYERS AS REQUIRED TO ACHIEVE THE OVERALL INTERLAYER THICKNESS DESIRED.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 14-0501.02
 Expiration Date 03/02/2019
 By [Signature]
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 11-1026.07
 Expiration Date 03/02/2019
 By [Signature]
 Miami Dade Product Control



DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1=1	DATE:	05/28/09
NO.	REVISION DESCRIPTION	BY	DATE
AT	UPDATE CONSULTANTS ADDRESS	W.W.S.	10/24/11

S-LEC SAF GLASS LAMINATE FILM

MANUFACTURER
SEKISUI S-LEC AMERICA, LLC
 1200 ROLLING HILLS LANE
 WINCHESTER, KY 40391
 859-745-4676

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
 7480 150TH COURT NORTH
 PALM BEACH GARDENS, FL 33418
 PHONE: 561-744-3424

CERTIFICATION

OCT 24 2011
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO. 1647	REV. A
SHEET NO. 1 OF 1	